

ABSTRACT

A knee brace is provided having upper and lower arms and a hinge assembly positionable about the knee to one side of the patella. The hinge assembly has a hinge pivot and a tension strap lever. The upper and lower arms and tension strap lever are each rotatable about the hinge pivot. A compression member is positioned in engagement with the knee on the opposite side of the patella from the hinge assembly and a tension strap engages the compression member and is connected to the tension strap lever. The tension strap applies a tension force to the compression member which increases when the upper and lower arms and tension strap lever rotationally transition from a flexion position to an extension position and decreases when the upper and lower arms and tension strap lever rotationally transition from the extension position to the flexion position.